

## Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

### **Counties with Published Soil Surveys**

Technical soil descriptions are located in the county soil survey descriptive legend.

### **Counties without Published Soil Surveys**

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

*This section includes:*

- **(a) Classification of the soils**

Texas County, Missouri  
 Classification of the Soils

| Soil name        | Family or higher taxonomic class  |
|------------------|---|
| Alred-----       | Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudalfs |
| Bardley-----     | Very-fine, mixed, active, mesic Typic Hapludalfs                          |
| Bearthicket----- | Fine-silty, mixed, active, mesic Ultic Hapludalfs                         |
| Bendavis-----    | Loamy-skeletal, siliceous, active, mesic Typic Hapludults                 |
| Bender-----      | Loamy-skeletal, siliceous, active, mesic Typic Hapludults                 |
| Branson-----     | Fine-silty, mixed, active, mesic Typic Paleudults                         |
| Cedargap-----    | Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls              |
| Celt-----        | Fine, mixed, active, mesic Aquic Fragiudults                              |
| Coulstone-----   | Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults             |
| Deible-----      | Fine, mixed, active, mesic Typic Albaqualfs                               |
| Dunning-----     | Fine, mixed, active, mesic Fluvaquentic Endoaquolls                       |
| Eudy-----        | Fine, mixed, active, mesic Aquic Hapludalfs                               |
| Gatewood-----    | Very-fine, mixed, active, mesic Oxyaquic Hapludalfs                       |
| Gressy-----      | Fine-loamy, siliceous, semiactive, mesic Typic Paleudalfs                 |
| Gunlock-----     | Fine, mixed, active, mesic Fragic Oxyaquic Hapludalfs                     |
| Hartville-----   | Fine, mixed, active, mesic Aquic Hapludalfs                               |
| Hercules-----    | Clayey-skeletal, mixed, superactive, mesic Cumulic Hapludolls             |
| Higdon-----      | Fine-silty, mixed, active, mesic Aquic Hapludalfs                         |
| Hogcreek-----    | Fine-loamy, siliceous, active, mesic Typic Fragiudults                    |
| Jerktail-----    | Fine, mixed, active, mesic Aquic Hapludalfs                               |
| Kaintuck-----    | Coarse-loamy, siliceous, superactive, nonacid, mesic Typic Udifluvents    |
| Lecoma-----      | Fine-loamy, siliceous, active, mesic Typic Paleudalfs                     |
| Lily-----        | Fine-loamy, siliceous, semiactive, mesic Typic Hapludults                 |
| Lowassie-----    | Fine, smectitic, mesic Vertic Epiaquults                                  |
| Mano-----        | Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs  |
| Moko-----        | Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls               |
| Ocie-----        | Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs  |
| Perche-----      | Coarse-loamy, mixed, superactive, nonacid, mesic Aquic Udifluvents        |
| Pomme-----       | Fine-loamy, mixed, semiactive, mesic Typic Paleudalfs                     |
| Possumtrot-----  | Coarse-loamy, siliceous, superactive, mesic Fluventic Dystrudepts         |
| Poynor-----      | Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudults |
| Racket-----      | Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls                  |
| Raftville-----   | Fine-loamy, siliceous, semiactive, mesic Typic Hapludults                 |
| Razort-----      | Fine-loamy, mixed, active, mesic Mollic Hapludalfs                        |
| Relfe-----       | Sandy-skeletal, siliceous, mesic Mollic Udifluvents                       |
| Sandbur-----     | Coarse-loamy, siliceous, superactive, nonacid, mesic Mollic Udifluvents   |
| Scholten-----    | Loamy-skeletal, siliceous, active, mesic Typic Fragiudults                |
| Secesh-----      | Fine-loamy, siliceous, active, mesic Ultic Hapludalfs                     |
| Splitlimb-----   | Fine-silty, mixed, active, mesic Aquic Paleudults                         |

Texas County, Missouri  
 Classification of the Soils

| Soil name       | Family or higher taxonomic class                                   |
|-----------------|--|
| Stultz-----     | Clayey-skeletal, mixed, superactive, mesic Fluvaquentic Hapludolls |
| Tanglenook----- | Fine, mixed, superactive, mesic Typic Argiaquolls                  |
| Tick-----       | Fine, mixed, subactive, mesic Typic Hapludults                     |
| Tilk-----       | Loamy-skeletal, siliceous, active, mesic Ultic Hapludalfs          |
| Tonti-----      | Fine-loamy, mixed, active, mesic Typic Fragiudults                 |
| Viburnum-----   | Fine, mixed, active, mesic Aquic Paleudults                        |
| Viraton-----    | Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs          |
| Winnipeg-----   | Fine-silty, mixed, active, mesic Typic Paleudalfs                  |
| Yelton-----     | Fine-loamy, siliceous, active, mesic Typic Fragiudults             |